



Quick overview : 2019 Refinement of 2006 IPCC Guidelines for National Greenhouse Gas Inventories

Progress to date

Process:

- Review of 2006 Guidelines began in 2014 (Ottawa meeting)
- Series of meetings (2014-2016)
 - science review
 - consultation with inventory compilers
- Fall 2016: IPCC Plenary approved Terms of Reference, chapter outline, work plan and guidance to authors

Timeline, production of refinement

LAM1	7 - 14 June 2017
LAM2	25 - 28 Sep 2017
FOD Expert Review	4 Dec 2017 - 11 Feb 2018 (10 weeks)
LAM3	Week of 10 - 13 Apr 2018
SOD Government/Expert Review	2 Jul - 9 Sep 2018 (10 weeks)
LAM4	22 - 25 Oct 2018 ← We are here!
Final Draft Government Review	14 Jan - 10 Mar 2019 (8 weeks)
IPCC Panel Adoption/Acceptance	May 2019 (Kyoto, Japan)

Literature cut-off date: 25 June 2018

Terms of Reference

- Not new guidance – a refinement
- Three refinement types:
 - Update
 - Elaboration
 - New Guidance

Changes relevant to the TFRN

- Majority of refinements in Agriculture, Forestry and Other Land Use Section
- Relevant Chapter revisions,
 - Chapters 10, Livestock and Manure Management
 - Chapter 11, N₂O Emissions from Managed Soils

Chapter 10, Livestock and Manure Management

- Increased differentiation of productivity classes
 - Improved applicability to developing economies
 - Alignment with concepts in recent FAO analyses
- Improved conceptual presentation of N cycle
- Updated N excretion values (Tier 1)
- Introduced Tier 2 equations for animal categories other dairy cows
- Alignment of volatilisation with EMEP factors (where possible)
 - Tier 1 leaching factor for manure storage

Chapter 11, N₂O Emissions from Managed Soils

- Revised N₂O emission factors, disaggregated for climate factors
 - N inputs to soils
 - Pasture, Range and Paddock emission factors
 - Rice production
- Revised factors for volatilisation
 - Fertilizer types
- Emission factors for indirect emissions (leaching)

Value of complete research data sets

- Compilation of certain data sets, extremely valuable
 - Emission factor data sets for N₂O application to soils
 - Information in publications complete enough to test a variety of factors.
 - Not similar data for manure storage



Questions...
